

20031027.ba v03\_n560.bam.20031027

>From ???@??? Mon Oct 27 15:08:09 2003 -0600  
Message-Id: <200310272107.h9RL7u3c020068@sco.theporch.com>  
Date: Mon, 27 Oct 2003 15:07:33 CST  
From: Old Tube Radios <boatanchors@theporch.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: BOATANCHORS digest 3560

BOATANCHORS Digest 3560

Topics covered in this issue include:

- 1) RE: Line Voltage & Secondary Switching  
by "Merz Donald S" <merz.ds@mellon.com>
- 2) Re: 5687 tube  
by W7QH0@aol.com
- 3) Tube Lore  
by "Smith" <smithab11@comcast.net>
- 4) Re: 5687 tube  
by Gary Woods <gwoods@albany.net>
- 5) BA's for sale  
by Bob Roehrig <broehrig@aurora.edu>
- 6) Re: Tube Lore  
by William Donzelli <aw288@osfn.org>
- 7) For Sale: R-390-A  
by Jim321@webtv.net
- 8) ?? on cw wx broadcasts  
by "Hue Miller" <kargo\_cult@msn.com>
- 9) Re: ?? on cw wx broadcasts  
by "Ken Hickman" <n5cm@rtconline.com>
- 10) Tube Lore sold out  
by William Donzelli <aw288@osfn.org>
- 11) Car Show Ham Radio Demo in EHT = all set up & ready  
by John Dilks - K2TQN <oldradio@worldnet.att.net>
- 12) Re warped plastic dials  
by "ed" <dgnova@erols.com>
- 13) FS: E.F. Johnson Phone Patch and SWR Bridge, Gonset CPO  
by Dave Hollander <n7rk@cox.net>
- 14) Wanted: junker DM-21 & RA-20  
by WA5CAB@cs.com
- 15) Need Help With IFF Info  
by Jerry Proc <jerry.proc@sympatico.ca>
- 16) Galaxy Repair  
by Bob Kemp <bkemp@bobkemp.com>
- 17) What is TS-178/ARM-1  
by "Lenox Carruth" <radios@sbcglobal.net>
- 18) Re: What is TS-178/ARM-1

Message-ID: <20031023173506.7864.qmail@mellon.com>  
Content-Class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: base64  
Subject: RE: Line Voltage & Secondary Switching  
Date: Thu, 23 Oct 2003 13:34:53 -0400  
From: "Merz Donald S" <merz.ds@mellon.com>  
To: Old Tube Radios <boatanchors@theporch.com>

VZVsbCwgSSB0aGluayBJIGFtIGdvaW5nIHRvIHJlLXNldCBteSBWYXJpYWZzIHRVIDExMFYuIFRo  
YXQgc2VlbXBmdG8gYmUgZXZlcmlib2R5J3MgYmFsbHBhcmsgdGFyZ2V0IHRoYXQgaGFzIHJlc3Bv  
bmRlZC4NCg0KQWN0dWFsbHksIEkgZ290IHN0YXJ0ZWQgaW50byB0aGlzIGFzIGEgc2FmZXRS5IG1l  
YXN1cmUuIFdoZW4gSSBzdGFydGVkIGNvbGx1Y3Rpbmc IEkgaGFkIGxp dHRsZSBraWRzLiBUaGV5  
IHdv dWxkIGNvbWUgYXJvdW5kIHRoZSByYW Rpb3MgYW5kIGp1c3Qgc3Rhcn QgZmxpc HBpbmcgYWxs  
IHRoZSBzd2l0Y2hlcy0tdXN1YWxs eSBtdWx0aXBsZSB0aw1lc y4gSSBmaWdlcmVkIHRoYXQgdGhp  
cyB3YXMgYmFkIGZvc iB0aGUgZmVhciBhbmQgZGFuZ2Vy b3VzIHRvIHRoZSBydWcgcmF0cy4gU28g  
SSByZXNVbHZlZCB0byBwbHVnIGV2ZXJ5dGhpbmcgaW50byBwb3dlciBkaXN0cm lidXRpb24gYm94  
ZXMgdGhh dCB3b3VsZCBoYXZlIHRvIGJlIH N3aXRjaGVkIG9uIGZpc nN0IGJlZm9yZSBhb nkgb2Yg  
dGhlIGdlYXI gY291bGQgYmUgdHVyb mVkIG9uLg0KDQpTby0teW91IG tub3cgaG93IGl0IGdvZXM t  
LUkgd2FzIG ZpbmRpbmcgaHVsa3Mgb2YgZGVhZCBVUF MncyBhdCBmbGVhIG1hcm tldHMgZm9yICQ1  
IGFuZCBWYXJpYWZzIGZvc iAkNS0kMTAuIE15IHRoaW5raW5nIHdhcyB0aGF0IHRoZSBVUF MgYm94  
ZXMgYWxyZW FkeSB0eWwQgdGhlIHN3aXRjaGVzIGFuZCBzb2NrZX RzIGFuZCBsaW5lIGNvc mRzIG1v  
dW50ZWQgdGhlcmVieSBzYXZpbmcgbWUgY29uc2lkZX JhYmxlIGFnZ3JhdmF0aW9uLiBTb21lIG9m  
IHRoZW0gaGFkIGNpcmN1aXQgYnJlYWtlcnMgYW5kIEVNSS9SRkk gZmlsdGVycy4gU28gSSBmaWdl  
cmVkIEkgY291bGQganVzdCB yZW1vdmUgdGhlIFVQUyBqdW5rIGFuZCB3aXJlIHRoZSB0aGluZy Bh  
cyBhIGJvYXRhbm Nob3Ig c3dpdGNoIGJveCB3aXR oIGEGVmFyaWFjcyBpb nPZGUgdGhh dCB0YXMg  
dGhlIGRpYWwgcGVybW FuZW50bHkgc2V0IGF0IH doYXRldmVyIH ZvbHRhZ2UgSSB3YW50IHRvIHJl  
biB0aGUgZ2Vh ciBvbi4gDQoNC lRlbiB5ZW FycyBhbmQgNCBVUF MgYm94ZXMgbGF0ZXIsIHRoZSB3  
aG9sZSBzaGFjayBpcyBzZXQgdXA gdGhpcyB3YXkuIE5vYm9keSB jYW4ganVzdCB3YWxrIG ludG8g  
dGhlIHNoYWNrIGFuZCB0dXJuIHNvbW V0aGluZyBv bi4gVGhlcmUgaXMgYSBzd2l0Y2hib3ggZm9y  
IGVhY2gg b3BlcmF0aW5nIHBvc2l0aW9uIGFuZCBpdCB0 YXMgdG8gYmUgc3dpdGNoZWQgb24gZmly  
c3QuIFRoZSB3aG9sZSBjb3N0IGZvc iBhbGwgNCBib3hlcyBhbmQgVmF yaWFjcyBhbmQgYWxsIHBy  
b2JhYmx5IGRpZG4ndCBleGNlZWQgJDEwMC4gQW5kIDMgb2YgdGhlIFZhcm l hY3MgYXJlIGh1Z2Ug

-----  
From: W7QH0@aol.com  
Message-ID: <74.34467b61.2cc9621c@aol.com>  
Date: Thu, 23 Oct 2003 12:55:56 EDT  
Subject: Re: 5687 tube  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="part1\_74.34467b61.2cc9621c\_boundary"

It's, like, a 12AU7 on steroids.

Dennis D. W7QH0  
Glendale, CA

--part1\_74.34467b61.2cc9621c\_boundary  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1\_74.34467b61.2cc9621c\_boundary--

-----  
Message-ID: <000701c39985\$00862fc0\$daf22144@dover01.de.comcast.net>  
From: "Smith" <smithab11@comcast.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Tube Lore  
Date: Thu, 23 Oct 2003 12:45:01 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I agree with Al, the book "Tube Lore" is an excellent manual by Sibley and it is indeed "LORE"  
I was so impressed with the book that I wrote a "book review" on the publication in CQ magazine, May 2001 page 59.  
You can see the review on my site under the "Repair of an 811"

73 breck k4che <http://mywebpages.comcast.net/smithab11/>

-----  
From: Gary Woods <gwoods@albany.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: 5687 tube  
Date: Thu, 23 Oct 2003 12:10:35 -0400  
Message-ID: <b4vfpvc7dn15ro2b2ou0m7vfp3d3l3k26t@4ax.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

On Thu, 23 Oct 2003 15:00:52 +0000, you wrote:

>The tube 5687 has similar characteristics as the 12AX7  
>family. Checking it out I see a different pin out. What were these used in  
>and why bother with a different configuration?

IIRC, it's a "computer" type with more tightly controlled characteristics than a regular 12AX7. The different pin out is to keep you from sticking the cheaper toob in the same place. I ran into one of those in a broadcast modulation monitor once; when I finally found a local distributor that had some, I bought 2 and stuck the second one in its box on top of the monitor back in the rack.

Gary Woods AKA K2AHC- PGP key on request, or at [www.albany.net/~gwoods](http://www.albany.net/~gwoods)  
Zone 5/6 in upstate New York, 1200' elevation. NY WO G

-----  
Date: Thu, 23 Oct 2003 18:58:08 -0500 (CDT)  
From: Bob Roehrig <[broehrig@aurora.edu](mailto:broehrig@aurora.edu)>  
To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>  
Subject: BA's for sale  
Message-ID: <[Pine.OSF.4.58.0310231837550.285294@mail.aurora.edu](mailto:Pine.OSF.4.58.0310231837550.285294@mail.aurora.edu)>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

IN order to replace some of my main ham gear that was wiped out by lightning a couple of months ago, I must depart with some of my boatanchors that have seen little or no use and are taking up valuable space anyway. These items are in excellent working condition and at this time I am saying pickup only with the possibility of my delivering/meeting the buyer at some convenient location if not too far away.

In all cases, all tubes have been tested and any marginal ones replaced. No dings, dents. Both in original cabinets.

1) Central Electronics 100V transmitter: Completely aligned and checked. At least 100W out as measured on Bird Wattmeter on all bands (new finals). A few places, mostly around front rack screws, where paint is chipped on front panel.

2) National HRO-M receiver. Desktop cabinet - with 4 coil sets covering 1.7 to 30 MHz (bandspread or general coverage selectable) with "doghouse" supply. Completely repainted in gray. Has product detector added in an under-chassis module and this really works well in SSB/CW. Recapped where

necessary and aligned with each coil set. Also has built-in 8 ohm output transformer.

More info or pictures available on request. Asking \$300 each.

Bob Roehrig  
Aurora University Telecom/IS dept.  
broehrig@aurora.edu 73 de K9EUI  
630-844-4898 fax 630-844-4222

-----  
Date: Thu, 23 Oct 2003 21:11:10 -0400 (EDT)  
From: William Donzelli <aw288@osfn.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Tube Lore  
Message-ID: <Pine.SUN.3.91-FP.1031023210926.9307B-100000@osfn.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> I agree with Al, the book "Tube Lore" is an excellent manual by Sibley and it  
> is indeed "LORE"  
> I was so impressed with the book that I wrote a "book review" on the publication  
> in CQ magazine, May 2001 page 59.

I have a few copies of Tube Lore available, minty fresh and new,  
available for \$15/each. Even has the supplement!

William Donzelli  
aw288@osfn.org

-----  
From: Jim321@webtv.net  
Date: Thu, 23 Oct 2003 19:42:21 -0700 (PDT)  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: For Sale: R-390-A  
Message-ID: <22954-3F98918D-4216@storefull-2353.public.lawson.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)

Email off-site for information please. Numerous extras, P/U so. Calif.  
only. TIA, Jim S.

-----  
From: "Hue Miller" <kargo\_cult@msn.com>  
To: Old Tube Radios <boatanchors@theporch.com>

Subject: ?? on cw wx broadcasts  
Date: Fri, 24 Oct 2003 01:45:13 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Message-ID: <BAY5-DAV134FOGYJDUD00040ecf@hotmail.com>

I used to listen to cw weather broadcasts from VKN, Vancouver B.C. way, way back in the 1980s. Now gone forever, little did i suspect. However, my off the wall question on this: i believe i remember that terms like "south" or "southwest" were actually spelled out, not abbreviated as in example "SW". I can sorta vaguely remember copying the words "NORTH" and "SOUTH", or am i fading too? I would assume this "character redundancy" was for maximum accuracy, so like if the S in "SW" was static crashed, you could still not make a serious mistake, like sailing thru a minefield in the opposite direction. Help me out? Am i recalling more or less accurately?  
BTW, was using an RAL, meter dancing in time to the music.  
Hue Miller

-----  
Message-ID: <007301c39a35\$5661cca0\$414e9844@dell4100>  
From: "Ken Hickman" <n5cm@rtconline.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: ?? on cw wx broadcasts  
Date: Fri, 24 Oct 2003 08:47:16 -0500  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Hue & Gang,

Yep, I heartily agree! For the same reason we use "Affirmative" instead of "Yes", and "Negative" for "No" on phone, in CW it was (and still is) important to spell out vital information for the very reason(s) you point out....  
Big problem now-a-days is the fact that kids are coming out of school who cannot spell! I understand a "spelling class" is being re-introduced in the curriculum....(About time!)....  
Now, "penmanship" should be re-introduced into the courses....  
If an op on CW can't spell, he resorts to abbreviations mostly which don't make sense and if he sends two in a row, and if you mis-interpret the first, you are lost when the second one comes along!

FWIW,

Ken....N5CM....NNN0FKQ....

----- Original Message -----

From: "Hue Miller" <kargo\_cult@msn.com>  
To: "Old Tube Radios" <boatanchors@theporch.com>  
Sent: Friday, October 24, 2003 3:45 AM  
Subject: ?? on cw wx broadcasts

> I used to listen to cw weather broadcasts from VKN, Vancouver B.C.  
> way, way back in the 1980s. Now gone forever, little did i suspect.  
> However, my off the wall question on this: i believe i remember that  
> terms like "south" or "southwest" were actually spelled out, not  
> abbreviated as in example "SW". I can sorta vaguely remember  
> copying the words "NORTH" and "SOUTH", or am i fading too?  
> I would assume this "character redundancy" was for maximum  
> accuracy, so like if the S in "SW" was static crashed, you could  
> still not make a serious mistake, like sailing thru a minefield in the  
> opposite direction. Help me out? Am i recalling more or less  
> accurately?  
> BTW, was using an RAL, meter dancing in time to the music.  
> Hue Miller  
>

-----  
Date: Fri, 24 Oct 2003 13:02:10 -0400 (EDT)  
From: William Donzelli <aw288@osfn.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Tube Lore sold out  
Message-ID: <Pine.SUN.3.91-FP.1031024130107.23625D-1000000@osfn.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

>From me, anyway.

Still a great book - buy one from Lud!

William Donzelli  
aw288@osfn.org

-----  
Message-Id: <5.1.1.6.0.20031024202540.02f27730@postoffice.worldnet.att.net>  
Date: Fri, 24 Oct 2003 20:28:04 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: John Dilks - K2TQN <oldradio@worldnet.att.net>



Subject: Car Show Ham Radio Demo in EHT = all set up & ready  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Hi Gang,

Everything is set up and ready.

I'm located down the main aisle between the flea market and the cars, past the big American flag, just across from the "Big Blue Fish". You can't miss it.

I have 2 HF antennas up and a 2-meter "J-Pole". One modern station (SSB) outside, and the vintage Collins AM station inside the museum.

The station call is W3KY. Look for us on 7290 AM and on 40 to 20 meter SSB.

I hope you all can visit.

For more info or directions:  
<http://www.oldengine.com/pumpkin/index.htm>

73, John, K2TQN

-----  
Message-ID: <010401c39b0f\$cb031f20\$020000003@v417u0>  
From: "ed" <dgnova@erols.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re warped plastic dials  
Date: Sat, 25 Oct 2003 11:51:01 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have straightened out or flattened the curved dials of Hallicrafter receivers, by heating them in the oven at very low temperatures. As Hue did, I placed weighted pieces of wood on the dials, and this flattened them. You have to be awfully careful, not to heat them too much.

-----  
Message-ID: <3F9AC2FC.EA411B44@cox.net>  
Date: Sat, 25 Oct 2003 11:37:48 -0700  
From: Dave Hollander <n7rk@cox.net>  
MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: FS: E.F. Johnson Phone Patch and SWR Bridge, Gonset CPO  
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"  
Content-Transfer-Encoding: 7bit

E. F. Johnson Viking Phone Patch....\$45 plus shipping  
This is the original, not the later model made by Nye Viking. This unit is in excellent condition and includes the original instruction sheet. A great accessories to go with you E.F. Johnson Ranger, Valiant or desk KW!

[http://members.cox.net/radiostuff9/efj\\_patch3.jpg](http://members.cox.net/radiostuff9/efj_patch3.jpg)  
[http://members.cox.net/radiostuff9/efj\\_patch2.jpg](http://members.cox.net/radiostuff9/efj_patch2.jpg)  
[http://members.cox.net/radiostuff9/efj\\_patch.jpg](http://members.cox.net/radiostuff9/efj_patch.jpg)

E.F. Johnson Antenna Meter/SWR Bridge.....\$25 plus shipping  
This is a miniature SWR bridge with a max power level of 500 watts. I found a picture of this unit in an ad in a 1965 QST. The unit has been tested and works great.

[http://members.cox.net/radiostuff9/efj\\_swr.jpg](http://members.cox.net/radiostuff9/efj_swr.jpg)

Gonset Code Practice Oscillator and Station Monitor.....\$50 plus shipping  
This little gem is a code practice oscillator and a phone/cw monitor for monitoring your transmitted signal. This is a two tube unit and based on the styling which resembles the early gooney birds. This unit is from the early to mid 1950's. The unit is in great shape with minor scratches and I checked it out on the bench as a code practice oscillator and it works fine.

[http://members.cox.net/radiostuff9/gonset\\_cpo.jpg](http://members.cox.net/radiostuff9/gonset_cpo.jpg)  
[http://members.cox.net/radiostuff9/gonset\\_cpo2.jpg](http://members.cox.net/radiostuff9/gonset_cpo2.jpg)

Thanks for looking and 73,

Dave N7RK

\*\*\*\*\*

Home Page: <http://members.cox.net/n7rk>  
Phoenix, Arizona      \*DXCC Honor Roll\*      \*WAZ#23 - 75 Meter SSB\*

ex-XE2/N7RK, N7RK/ZB2, VK2ERK, ZM0AJN, WB6NRK, WN6IWX

Boatanchor Collector Extraordinaire preferring Hallicrafters, National and what ever else looks interesting!

-----  
From: WA5CAB@cs.com  
Message-ID: <1d6.1301ae8e.2ccd5877@cs.com>  
Date: Sun, 26 Oct 2003 12:03:51 EST  
Subject: Wanted: junker DM-21 & RA-20  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="part1\_1d6.1301ae8e.2ccd5877\_boundary"

--part1\_1d6.1301ae8e.2ccd5877\_boundary  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

#### Groups

This is my semi-annual request for DM-21 14 or 28 volt dynamotors and/or RA-20 rectifier power supplies for restoration parts. Any condition, any model. These are the dynamotors and AC power supplies used in the BC-312, BC-314 and BC-342, BC-344 respectively.

73

Robert Downs - Houston  
<<http://www.wa5cab.com>> (Web Store)  
<wa5cab@cs.com> (Primary email)  
<wa5cab@houston.rr.com> (Backup email)

--part1\_1d6.1301ae8e.2ccd5877\_boundary  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

\* \* \* \* \*  
\* ---REMAINDER OF MESSAGE TRUNCATED--- \*  
\* This post contains a forbidden message format \*  
\* (such as an attached file, a v-card, HTML formatting) \*  
\* Mail Lists at theporch.com only accept PLAIN TEXT \*  
\* If your postings display this message your mail program \*  
\* is not set to send PLAIN TEXT ONLY and needs adjusting \*  
\* \* \* \* \*

--part1\_1d6.1301ae8e.2ccd5877\_boundary--

-----  
Message-ID: <3F9C0165.39C7144F@sympatico.ca>  
Date: Sun, 26 Oct 2003 12:16:21 -0500  
From: Jerry Proc <jerry.proc@sympatico.ca>  
MIME-Version: 1.0

To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Need Help With IFF Info  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Group,

In mid-September I started the restoration of HMCS HAIDA's Electronics Maintenance Room. This compartment was also shared with the ship's IFF equipment. The intent is to get it looking like a 60's vintage ship's electronics repair shop but locating the missing IFF equipment will likely prove impossible.

>From the markings on the power panel, I can confirm that HAIDA used the AN/UPX-1, AN/UPX-5 and AN/UPA-24 video decoder. I also suspect that a AN/UPX-12 may have been aboard but I can't confirm it at this time. The IFF was used in conjunction with the AN/SPS-6C air search radar.

If anyone has any basic equipment descriptions or technical specs, I would like to hear from you.

(P.S. Its just incredible how much work this 15' x 7' ft compartment requires since it was never refurbished since the ship was in service and was previously used as a mechanics shop after she left the navy. For the prep work prior to painting, I've already invested 6 Saturdays and I think I'm just past the half way point).

--

Regards,  
Jerry Proc VE3FAB  
HMCS Haida National Historic Site  
e-mail: jerry.proc@sympatico.ca  
<http://webhome.idirect.com/~jproc/ve3fab>

-----  
Message-ID: <3F9C5A1F.9040302@bobkemp.com>  
Date: Sun, 26 Oct 2003 17:34:55 -0600  
From: Bob Kemp <bkemp@bobkemp.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Galaxy Repair  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Anyone out there any good at Galaxy V mkIII repair???

Bob

-----  
From: "Lenox Carruth" <radios@sbcglobal.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: What is TS-178/ARM-1  
Date: Sun, 26 Oct 2003 18:29:28 -0600  
Message-ID: <KNEDLNCDLBENNHFIKBAOMEKJCCAA.radios@sbcglobal.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi gang,

I have come across an item called a Test Unit TS-178/ARM-1 manufactured on a 1945 contract and moisture and fungus proofed in 6/45. It appears to have had a cable of some sort which probably had a connector on it. However, the cable has been cut right where it enters the box and is missing.

The unit has a meter marked as F.S. = 50 uA and calibrated from 0 - 100. Below the meter is a switch marked: OSC., 1, 2, 3, 4 REC., 4 TRANS. A+, and B+.

It is identified as a Signal Corps, U.S. Army device.

There appear to have been 8 conductors in the cable of typical aircraft type wire of the period inside of a black woven cover.

Does anyone know for what this was used? Do you have a schematic or anything that would identify the type of connector on the cable and the connections? Length of cable?

Thanks in advance.

Lenox Carruth  
WA50VG

-----  
Date: Sun, 26 Oct 2003 19:38:06 -0500 (EST)  
From: William Donzelli <aw288@osfn.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: What is TS-178/ARM-1  
Message-ID: <Pine.SUN.3.91-FP.1031026193734.8958A-100000@osfn.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> Does anyone know for what this was used?

AN/ARC-3, I think.

William Donzelli  
aw288@osfn.org

-----  
Date: Sun, 26 Oct 2003 19:41:33 -0500 (EST)  
From: William Donzelli <aw288@osfn.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Need Help With IFF Info  
Message-ID: <Pine.SUN.3.91-FP.1031026193812.8958B-1000000@osfn.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> If anyone has any basic equipment descriptions or technical specs, I  
> would like to hear from you.

AN/UPX-1 and AN/UPX-5 are Mk 10 IFF interrogators. AN/UPA-24 is the SIF  
Decoder for the sets.

I have tech manuals for these.

William Donzelli  
aw288@osfn.org

-----  
From: WA5CAB@cs.com  
Message-ID: <1e.1b299c6b.2ccdc844@cs.com>  
Date: Sun, 26 Oct 2003 20:00:52 EST  
Subject: Re: What is TS-178/ARM-1  
To: Old Tube Radios <boatanchors@theporch.com>  
MIME-Version: 1.0  
Content-Type: multipart/alternative;  
boundary="part1\_1e.1b299c6b.2ccdc844\_boundary"

--part1\_1e.1b299c6b.2ccdc844\_boundary  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Lenox & Group,

Bill is correct. Used with AN/ARC-3. Part of AN/ARM-1. Manual is AN  
16-30ARM1-2 (later changed to the retard format T.O. 33A1-3-3). The missing cable  
was 54" long and terminated in a PL-152 modified with what looks like in the

photo an AN3057E style cable clamp. Three guess as to why the cable was cut off, and the first two don't count.

In a message dated 10/26/2003 6:30:37 PM Central Standard Time, radios@sbcglobal.net writes:

> I have come across an item called a Test Unit TS-178/ARM-1 manufactured on  
> a  
> 1945 contract and moisture and fungus proofed in 6/45. It appears to have  
> had a cable of some sort which probably had a connector on it. However, the  
> cable has been cut right where it enters the box and is missing.

73

Robert Downs - Houston

<<http://www.wa5cab.com>> (Web Store)

<[wa5cab@cs.com](mailto:wa5cab@cs.com)> (Primary email)

<[wa5cab@houston.rr.com](mailto:wa5cab@houston.rr.com)> (Backup email)

--part1\_1e.1b299c6b.2ccdc844\_boundary

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1\_1e.1b299c6b.2ccdc844\_boundary--

-----  
Date: Mon, 27 Oct 2003 07:40:59 -0500

Mime-Version: 1.0 (Apple Message framework v552)

Content-Type: text/plain; charset=US-ASCII; format=flowed

Subject: Chattanooga Hamfest Report

From: Joseph Pinner <[kc5ijd@bellsouth.net](mailto:kc5ijd@bellsouth.net)>

To: Old Tube Radios <[boatanchors@theporch.com](mailto:boatanchors@theporch.com)>

Content-Transfer-Encoding: 7bit

Message-Id: <D0FE6501-087A-11D8-B5B1-000A27916DFA@bellsouth.net>

Well, another good hamfest - at least from a boatanchor standpoint.

I saw a great deal of vintage equipment - a number of items at pretty good prices, too.

Hammarlund HQ-170A-VHF and HT-50A

Hallicrafters SX-101A and HT-37

Johnson amp and a Viking

Once again there was a fellow with six or eight tables of  
Hallicrafters, Collins, Johnson, and Hammarlund sets as well as mikes  
and misc accessories and parts

Military ART-13 and one of its couplers

Heathkit 6 meter amp

Plus there was quite a bit of other National, Johnson, Heathkit etc  
gear that I cannot remember.

There were several folks with tubes.

All in all, a really good hamfest. Much better this year, if fact, that  
the past two years.

73

Joseph Pinner +

818 Hill Street

Kingston, TN 37763

KC5IJD / NN0PPHR

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Message-ID: <CF25B0E0818784408B985D37AA8C7F2678491A@nts.j03.vishay.com>

From: "Herendeen Robert (VICI)" <Robert.Herendeen@vishay.com>

To: Old Tube Radios <boatanchors@theporch.com>

Subject: Yaesu FT401B Help

Date: Mon, 27 Oct 2003 09:54:09 -0800

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Has anyone had experience restoring the Yaesu FT401B?

I have a few simple questions:

1. Where can I find the correct operating or maintenance manual? The usual places don't seem to have it.
2. This model is capable of AM. Does anyone know the correct tuning procedure and is there documentation on the AM module shown in the schematic?
3. Are there any well known failure modes for this radio?

Thanks,

Bob/W6JZR

-----  
Message-Id: <200310272107.h9RL7J3c019972@sco.theporch.com>



From: k0al@mchsi.com  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Mon, 27 Oct 2003 21:07:13 +0000

Gang,

In keeping with the tradition of posting BA sightings at area hamfests, I offer the following items seen at the hamfest Sunday, October 26 in Des Moines, Iowa.

Collins 75A-2A with matching speaker, 3.1 filter, and homebrew calibrator.  
>From an estate, somewhat dirty, no manual and said to be non working. \$500

Collins 75A-4 with matching speaker, 6.0, 3.1 and 500 cycle filters, 4:1 knob, original manual with original service bulletins and original "green tags". Very dusty and untried from estate of a SK. \$1,000.

B&W 5100 w/ 51SB SSB generator with original manuals and Dow Key relay \$200.

Elmac AF-67 and PMR-6A with original manuals \$50

Drake L-4 w/ original manual and obviously from a smoking environment. \$675

Johnson Adventurer

Millen transmitter (the larger one), rack mount, no coils looking for offers

A collection of Hallicrafters from the estate of K0DXT. The ones I remembered are the whole series of S-38 from the original S-38 through S-38E, S-40, S-40B (couldn't tell from new), S-85, SX-99, SX-43, SX-101, S-27 and S-36 with several large speakers and a couple in the 'Civic Patrol' series.

Hallicrafters T0 keyer

Actually a few straight keys and one Vibroplex "lightning Bug" as well as a Ham Key dual lever paddle / straight key combination.

I managed to score a Collins 70E8-A PTO with both the slide rule and round dial, so I was a happy camper.

73,

Al, K0AL

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End of BOATANCHORS Digest 3560

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